PT.CCIC JAKARTA
Member of China Certification and Inspection Group

original

Job No. : **SG.01.1010.6.002**
Date : **October 6, 2010**

CERTIFICATE OF CHEMICAL ANALYSIS

Sample ID	: **Desa Petung**
Client	: PT. Satanger Mineral Energy
Attention	: Mrs. Ina
Tel / Email	: +62813 5061 2697 / auerell00@yahoo.co.id
Consignment	: Coal Sample
Date Received	: October 5, 2010
Sample Weight	: 4,95 kg
Tested For	: Total Moisture, Inherent Moisture, Ash, Volatile Matter, Fixed Carbon, Gross Calorific Value, and Total Sulfur.

Gross samples were drawn by client. The samples were prepared and analysed according to **ASTM Standard** Specifications and shown the following results :

Parameter	Units	Basis				Test Method
		ARB	ADB	DB	DAF	
1. Total Moisture	%	**19.3**				ASTM-D3302
2. Inherent Moisture	%		**11.20**			ASTM-D3173
3. Ash	%	1.98	**2.18**	2.45		ASTM-D3174
4. Volatile Matter	%	40.08	**44.10**	49.66	50.91	ASTM-D3175
5. Fixed Carbon	%	38.64	**42.52**	47.88	49.09	By Difference
6. Total Sulfur	%	1.56	**1.72**	1.94	1.99	ASTM-D4239
7. Gross Calorific Value	kcal/kg	5606	**6169**	6947	7122	ASTM-D5865

Note:ARB=as received basis;ADB=air dried basis; DB=dry basis; DAF=dry ash free;NA=not analysis

This certificate refers to sampling for quality analysis and sizing only and does not certify any other matters. It reflects to our finding at time and place of intervention only and is issued without prejudice.

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